

Form PTO-1449 U.S. Department of Commerce (Rev. 8-83) Patent and Trademark Office		Attorney Docket No. 0756-1653		Serial No. 08/818,884	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Shunpei YAMAZAKI, et al.			
		Filing Date: March 17, 1997		Group: 2871	
U.S. PATENT DOCUMENTS					
Examiner Initial	Document Number	Date	Name	Class	Subclass
DN	4,438,654	03/27/1984	Torstenson		
	2,819,191	01/07/1958	Fuller		
	5,261,153	11/16/1993	Lucas		
	5,233,211	08/03/1993	Hayashi et al.		
	4,748,485	05/31/1988	Vasudev		
	5,371,398	12/06/1994	Nishihara		
	4,609,930	09/02/1986	Yamazaki		
	4,984,033	01/08/1991	Ishizu et al.		
	5,917,221	06/29/1999	Takemura		
	5,807,772	09/15/1998	Takemura		
	4,697,887	10/06/1987	Okada et al.		
	5,274,279	12/28/1993	Misawa et al.		
	5,313,076	05/17/1994	Yamazaki et al.		
	5,341,012	08/23/1994	Misawa et al.		
	5,481,121	01/02/1996	Zhang et al.		
	5,583,347	12/10/1996	Misawa et al.		
	5,591,990	01/07/1997	Misawa et al.		
	5,616,936	04/01/1997	Misawa et al.		
	5,648,685	07/15/1997	Misawa et al.		
	5,656,826	08/12/1997	Misawa et al.		
	5,677,212	10/14/1997	Misawa et al.		
DN	5,712,495	01/27/1998	Suzawa		
	5,714,711	02/03/1998	Misawa et al.		
Examiner	DNAUYEN		Date Considered 01/09/02		

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce (Rev. 8-83) Patent and Trademark Office		Attorney Docket No. 0756-1653		Serial No. 08/818,884		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Shunpei YAMAZAKI, et al.				
		Filing Date: March 17, 1997		Group: 2871		
U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (Appropriate)
DN	5,744,824	04/28/1998	Kousai et al.			
	5,754,158	05/19/1998	Misawa et al.			
	5,780,872	07/14/1998	Misawa et al.			
	5,811,837	09/22/1998	Misawa et al.			
	5,851,440	12/01/1998	Tanaka			
	5,904,511	05/18/1999	Misawa et al.			
	4,068,020	01/10/1978	Reuschel			
	5,289,030	02/22/1994	Yamazaki et al.			
	5,849,601	12/15/1998	Yamazaki			
	4,103,297	07/25/1987	McGreivy et al.			
	4,239,346	12/16/1980	Lloyd			
	4,363,828	12/14/1982	Brodsky et al.			
	4,365,013	12/21/1982	Ishioka et al.			
	4,378,417	03/29/1983	Maruyama et al.			
	4,395,726	07/26/1983	Maeguchi			
	4,460,670	07/17/1984	Ogawa et al.			
	4,500,388	02/19/1985	Ohmura et al.			
	4,565,584	01/21/1986	Tamura et al.			
	4,581,476	04/08/1986	Yamazaki			
	4,581,620	04/08/1986	Yamazaki et al.			
	4,584,025	04/22/1986	Takaoka et al.			
	4,591,892	05/27/1986	Yamazaki			
	4,597,160	07/01/1986	Ipri			
	4,624,276	11/04/1986	Malhi			
	4,651,408	03/24/1987	Macelwee et al.			
	4,659,392	04/21/1987	Vasudev			
	4,680,580	07/14/1987	Kawahara			
	4,690,717	09/01/1987	Yamazaki			
	4,693,759	09/15/1987	Noguchi et al.			
	4,729,009	03/01/1988	Ang			
	4,740,829	04/26/1988	Nakagiri et al.			
	4,743,567	05/10/1988	Pandy et al.			
	4,755,865	07/05/1988	Wilson et al.			
	4,760,008	07/26/1988	Yamazaki et al.			
	4,766,477	08/23/1988	Nakagawa et al.			
	4,772,927	09/20/1988	Saito			
	4,795,679	01/03/1989	Ramesh et al.			
	4,814,842	03/21/1989	Nakagawa et al.			
	4,818,077	04/04/1989	Ohwada et al.			
DN	4,849,797	07/18/1989	Ukai et al.			
Examiner <u>DNQUIN</u>		Date Considered <u>01/09/02</u>				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Form PTO-1449 U.S. Department of Commerce (Rev. 8-83) Patent and Trademark Office		Attorney Docket No. 0756-1653		Serial No. 08/818,884		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Shunpei YAMAZAKI, et al.		Filing Date: September 5, 2000 Group: 2871		
		Filing Date: September 5, 2000				
U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
DN	4,860,069	08/22/1989	Yamazaki			
	4,862,237	08/29/1989	Morozumi			
	4,864,376	09/05/1989	Aoki et al.			
	4,885,052	12/05/1989	Fan et al.			
	4,888,305	12/19/1989	Yamazaki et al.			
	4,891,330	01/02/1990	Guha et al.			
	4,897,360	01/30/1990	Guckel et al.			
	4,905,073	02/27/1990	Chen et al.			
	4,938,565	07/03/1990	Ichikawa			
	4,949,141	08/14/1990	Busta			
	4,951,113	08/21/1990	Huang et al.			
	4,959,700	09/25/1990	Yamazaki			
	4,969,025	11/06/1990	Yamamoto et al.			
	4,969,031	11/06/1990	Kobayashi et al.			
	4,986,213	01/22/1991	Yamazaki et al.			
	4,988,638	01/29/1991	Huang et al.			
	5,003,356	03/26/1991	Wakai et al.			
	5,012,228	04/30/1991	Masuda et al.			
	5,037,766	08/06/1991	Wang			
	5,043,772	08/27/1991	Yamazaki			
	5,051,570	09/24/1991	Tsujikawa et al.			
	5,055,899	10/08/1991	Wakai et al.			
	5,056,895	10/15/1991	Kahn			
	5,057,889	10/15/1991	Yamada et al.			
	5,057,898	10/15/1991	Adan et al.			
	5,065,208	11/12/1991	Shah et al.			
	5,077,223	12/31/1991	Yamazaki			
	5,082,351	01/01/1992	Ferguson			
	5,084,905	01/28/1992	Sasaki et al.			
	5,132,754	07/21/1992	Serikawa et al.			
	5,132,820	07/21/1992	Someya et al.			
	5,132,821	07/21/1992	Nicholas			
	5,236,544	08/17/1993	Yamagata			
5,250,818	10/05/1993	Saraswat				
5,270,224	12/14/1993	Furumura				
5,270,567	12/14/1993	Mori et al.				
5,287,205	02/15/1994	Yamazaki et al.				
DN	5,315,132	05/24/1994	Yamazaki			
Examiner <u>DN</u>			Date Considered <u>01/09/02</u>			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED
OCT 25 2000
TC 2000 MAIL ROOM

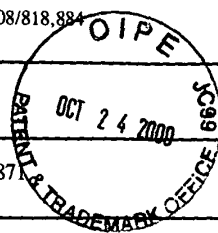
Form PTO-1449 U.S. Department of Commerce (Rev. 8-83) Patent and Trademark Office		Attorney Docket No. 0756-1653		Serial No. 08/818,884	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Shunpei YAMAZAKI, et al.			
		Filing Date: September 5, 2000		Group: 287	

OIPF
OCT 24 2000
PATENT & TRADEMARK OFFICE

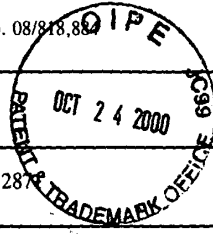
FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Subclass	Translation Yes No
/	0-161-555*	11/1985	EP			
/	0-321-073*	06/1989	EP			
/	0-337-457*	10/18/89	EP			
/	49-77537*	07/1974	JP			X
/	55-011329*	01/1980	JP			Full
/	55-32026*	03/1980	JP			Full
/	55-029154*	03/1980	JP			Full
/	55-050664*	04/1980	JP			Full
/	55-050663*	04/1980	JP			Full
/	55-82458*	06/1980	JP			Abstract
/	57-099729*	06/1982	JP			Abstract
/	58-74080	05/04/83	JP			Full
/	58-092217*	06/1983	JP			Full
/	58-155773*	06/1983	JP			Full
/	58-155774*	09/1983	JP			Full
/	58-161380*	09/1983	JP			Full
/	58-182816*	10/1983	JP			Abstract
/	59-035488*	02/1984	JP			Full
/	59-035423*	02/1984	JP			Full
/	59-072182*	04/1984	JP			Full

Examiner	DN GUYEN	Date Considered	01/09/02
----------	----------	-----------------	----------


*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce (Rev. 8-83) Patent and Trademark Office		Attorney Docket No. 0756-1653		Serial No. 08/818,884		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Shunpei YAMAZAKI, et al.				
		Filing Date: September 5, 2000				Group: 287
FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Subclass	Translation Yes No
/	59-072128*	04/1984	JP			Full
/	59-115574*	07/1984	JP			Full
/	60-245174*	12/1985	JP			Full
/	60-245173*	12/1985	JP			Abstract
/	60-245172*	12/1985	JP			Full
/	61-126595*	06/1986	JP			Abstract
/	61-141174*	06/1986	JP			Full
/	62-126677*	06/1987	JP			Abstract
/	62-147759	07/01/87	JP			Abstract
/	62-160425*	07/1987	JP			Abstract
/	63-100777*	05/1988	JP			Abstract
/	63-219172*	09/1988	JP			Abstract
/	63-237571*	10/1988	JP			Abstract
/	63-237570*	10/1988	JP			Abstract
/	63-29729	02/08/88	JP			Abstract
/	1-30272*	02/1989	JP			Abstract
/	64-68724*	03/1989	JP			Abstract
/	64-68728*	03/1989	JP			Abstract
/	1-107237*	04/1989	JP			X
Examiner <i>DNQUEN</i>			Date Considered <i>01/09/02</i>			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

RECEIVED
 OCT 25 2000
 MAIL ROOM

Form PTO-1449 U.S. Department of Commerce (Rev. 8-83) Patent and Trademark Office		Attorney Docket No. 0756-2230		Serial No. 08/818,882		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Shunpei YAMAZAKI, et al.				
		Filing Date: September 5, 2000				Group: 2874
FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Subclass	Translation Yes No
/	1-130131*	05/1989	JP			Abstract
/	1-156725*	06/1989	JP			Full
/	1-223719*	09/1989	JP			Abstract
/	1-268064*	10/1989	JP			Abstract
/	2-51129*	02/1990	JP			Abstract
/	2-62077*	03/1990	JP			Abstract
/	2-115824*	04/1990	JP			Abstract
/	2-103925*	04/1990	JP			Abstract
/	2-137822*	05/1990	JP			Abstract
/	2-174170	07/1990	JP			Abstract
/	2-188723*	07/1990	JP			Abstract
/	2-201967	08/1990	JP			Abstract
/	2-210330*	08/1990	JP			Abstract
/	2-207537*	08/1990	JP			Abstract
/	2-208943	08/1990	JP			Abstract
/	2-217826*	08/1990	JP			Abstract
/	2-234134*	09/1990	JP			Full
Examiner <u>DNQUYEN</u>			Date Considered <u>01/09/02</u>			
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>						

RECEIVED
OCT 25 2000
TO 2000 MAIL ROOM

Form PTO-1449 U.S. Department of Commerce (Rev. 8-83) Patent and Trademark Office				Attorney Docket No. 0756-1653		Serial No. 08/818 884	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant: Shumpei YAMAZAKI			
				Filing Date: September 5, 2000			
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
<input checked="" type="checkbox"/>	3-290924*	12/1991	JP			Abstract	
<input checked="" type="checkbox"/>	3-246973	11/05/91	JP			Abstract	
<input checked="" type="checkbox"/>	4-245655	09/02/92	JP			Abstract	
<input checked="" type="checkbox"/>	92-18644	10/22/92	Korea				X
<input checked="" type="checkbox"/>	90-17171	11/15/90	Korea				X
<input checked="" type="checkbox"/>	58-27365*	02/1983	JP			Full	
<input checked="" type="checkbox"/>	61-136262	06/1986	JP			Abstract	
<input checked="" type="checkbox"/>	4-042214	02/1992	JP			Abstract	
<input checked="" type="checkbox"/>	2-208635*	08/1998	JP			Abstract	
<input checked="" type="checkbox"/>	03-090924	04/1991	JP			Abstract	
<input checked="" type="checkbox"/>	2-208636	08/1990	JP			Abstract	
<input checked="" type="checkbox"/>	62-115745	05/1987	JP			Abstract	
<input checked="" type="checkbox"/>	4-186635	07/1992	JP			Abstract	
<input checked="" type="checkbox"/>	4-242724	08/1992	JP			Abstract	
<input checked="" type="checkbox"/>	61-220371	09/1986	JP			Abstract	
Examiner <u>DNGUYEN</u>				Date Considered <u>01/09/02</u>			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

RECEIVED
 OCT 25 2000
 C 2000 MAIL ROOM

Form PTO-1449 U.S. Department of Commerce (Rev. 8-83) Patent and Trademark Office		Attorney Docket No. 0756-2230	Serial No. 08/818,884
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Shunpei YAMAZAKI, et al.	
		Filing Date: September 5, 2000	Group: 2871
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	VLSI Technology, Edited by S.M. Sze., McGraw-Hill Book Company, AChapter 6 Dielectric and Polysilicon Film Deposition@, A.C. Adams, pp. 233-235*		
	Scheid, et al., ASuper Large Grain Polycrystalline Silicon Obtained From Pyrolysis of Si ₂ H ₆ and Annealing@, Jap. J. appl. Phys., Vol. 29, No. 11, Nov. 1990, pp. L 2105-2107*		
	Blum et al., ALow Pressure CVD Process for Micro and Polycrystalline Silicon@, IBM Technical Disclosure Bulletin, Vol. 26, No. 3A, Aug. 1983, pp. 921-922*		
	Madsen et al., AIn Situ Doping of Silicon Films Prepared by Low Pressure Chemical Vapor Deposition Using Disilane and Phosphine@, J. Electrochem. Soc., Col. 137, No. 7, July 1990, pp. 2246-2251*		
	Wolf et al., ASilicon Processing for the VLSI Era@, Vol. 1: Process Technology, Lattice Press, Sunset Beach, CA (1986), pp. 175-176*		
	H. Ohshima et al., AFuture Trends for TFT Integrated Circuits on Glass Substrates@, IEDM (IEEE 1989), pp. 157-160*		
	Journal of Non-Crystalline Solids, Vols. 59, 60, Dec. 1983, Part II, pp. 731-734, Proceedings of the Xth International Conference on Amorphous and Liquid Semiconductors, Tokyo, Japan, Aug 22-26, 1983, C.C. Tsai et al. *		
	Solar Cells 2, (1980), AInvestigation of the Hydrogen and Impurity Contents of Amorphous Silicon by Secondary Ion Mass Spectrometry@, Charles MaGee and David E. Carlson, RCA Laboratories, Princeton, NJ pp. 365-376*		
	AThe Physics of Hydrogenerated Amorphous Silicon I Structure, Preparation, and Devices@, Edited by J.D. Ioannopoulos and G. Lucovsky, Springer Verlag, Berlin Heidelberg, New York, Tokyo 1984, pp. 8-9 & 34-41*		
	Hatalis et al., AHigh-Performance Thin Film Transistors in Low-Temperature Crystallized LPCVD Amorphous Silicon Films,@ IEEE Electron Device Letters, Vol. EDL-8, No. 8, Aug. 1987, pp. 161-164*		
	A(Invited) Amorphous Silicon Transistors and Integrated Circuits@, Masakiyo Matsumura, Japanese Journal of Applied Physics, Vol. 22 (1983), Supplement 22-1, pp. 487-491*		
	Lewis, et al., "ACTIVE MATRIX LIQUID CRYSTAL DISPLAY DESIGN USING LOW AND HIGH TEMPERATURE PROCESSED POLYSILICON TFTS," CH2865-4/90/0000-0843, IEDM90, pp. 843		
Examiner <i>D N GUYEN</i>		Date Considered <i>01/09/02</i>	
<small>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>			

RECEIVED
 OCT 25 2000
 MAIL ROOM